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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**☒ Declaration  
Submitted with Initial  
Filing OR ☐ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

First Named Inventor

Karl V.L. Barnett

**COMPLETE IF KNOWN**

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Karl V.L. Barnett, Apt.11-K Ascension Dr., Asheville,  
N.C., 28806, U.S. Citizen  
Weather Shield and Solar Heat Collector per Reflector

the specification of which

(Title of the Invention)

☒ is attached hereto Weather Shield&Solar Heat Collector/Reflector  
OR☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT InternationalApplication Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                          |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|  |         |                                     | <input type="checkbox"/> | YES                      | NO                       |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(a) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application<br>numbers are listed on a<br>supplemental priority data sheet<br>PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|---|
|                       |                          |   |

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
|  |                                 |                                      |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| <input type="checkbox"/> Customer Number <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span> |                     | →<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">           Place Customer Number Bar Code Label here         </div> |                     |
|---|---------------------|---|---------------------|
| OR  |                     |   |                     |
| <input type="checkbox"/> Registered practitioner(s) name/registration number listed below   |                     |   |                     |
| Name  | Registration Number | Name  | Registration Number |
|   |                     |   |                     |

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label  OR ☒ Correspondence address below

|         |                           |           |              |     |              |
|---------|---------------------------|-----------|--------------|-----|--------------|
| Name    | Karl Vernon Lee Barentt   |           |              |     |              |
| Address | Apt.11-K, Ascension Drive |           |              |     |              |
| Address |                           |           |              |     |              |
| City    | Asheville                 | State     | N.C.         | ZIP | 28806        |
| Country | United States             | Telephone | 828-255-8314 | Fax | 828-253-6937 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |                                  |   |                        |             |         |
|--|----------------------------------|---|------------------------|-------------|---------|
| Name of Sole or First Inventor:  |                                  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                        |             |         |
| Given Name (first and middle (if any))   |                                  |   | Family Name or Surname |             |         |
| Karl Vernon Lee  |                                  |   | Barnett                |             |         |
| Inventor's Signature   | <i>Karl Vernon Lee Barnett</i>   |   |                        | Date        | 2-24-99 |
| Residence: City  | Asheville                        | State   | N.C.                   | Country     | U.S.A.  |
|  |                                  |   |                        | Citizenship | U.S.    |
| Post Office Address  | Apt.11-K, Ascension Drive        |   |                        |             |         |
| Post Office Address  | Asheville, North Carolina, 28806 |   |                        |             |         |
| City   | Ashev.                           | State   | N.C.                   | ZIP         | 28806   |
|  |                                  |   |                        | Country     | U.S.A.  |
| <input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto |                                  |   |                        |             |         |

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**STATEMENT CLAIMING SMALL ENTITY STATUS  
 (37 CFR 1.9(f) & 1.27(b))—INDEPENDENT INVENTOR**

Docket Number (Optional)

Applicant, Patentee, or Identifier: Karl Vernon Lee Barnett

Application or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

Title: Weather Shield and Solar Heat Collector per Reflector

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.  
☐ the application identified above.  
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.  
☐ Each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

Karl V.L. Barnett  
 NAME OF INVENTOR

Not-Applicable  
 NAME OF INVENTOR

Not-Applicable  
 NAME OF INVENTOR

Karl Vernon Lee Barnett  
 Signature of inventor

N/A  
 Signature of inventor

N/A  
 Signature of inventor

02-24-99  
 Date

N/A  
 Date

N/A  
 Date